



525 Reg'd PTO 19 JUL 2002

#3

PTO/SB/17 (11-01)

Approved for use through 10/31/2002. OMB 0651-0032
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

FEE TRANSMITTAL for FY 2002 <small>Patent fees are subject to annual revision.</small>		Complete if Known		
		Application Number	10/070,532	
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27		Filing Date	March 7, 2002	
		First Named Inventor	Daniel R. Soppet	
		Examiner Name	Not Yet Assigned	
TOTAL AMOUNT OF PAYMENT (\$)		130.00	Group Art Unit	N/A
		Attorney Docket No.	PF168P3	

METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continued)																																																																																																																																																																																																
<input type="checkbox"/> Check <input type="checkbox"/> Credit Card <input type="checkbox"/> Money Order <input type="checkbox"/> Other <input type="checkbox"/> None <input checked="" type="checkbox"/> Deposit Account Deposit Account Number: 08-3425 Deposit Account Name: Human Genome Sciences, Inc. The Commissioner is hereby authorized to: (check all that apply) <input checked="" type="checkbox"/> Charge fee(s) indicated below <input checked="" type="checkbox"/> Credit any overpayments <input checked="" type="checkbox"/> Charge any additional fee(s) during the pendency of this application <input type="checkbox"/> Charge fee(s) indicated below, except for the filing fee to the above-identified deposit account.		3. ADDITIONAL FEES <table border="1" style="width:100%"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>105</td><td>130</td><td>205</td><td>65</td><td>Surcharge - late filing fee or oath</td><td>130.00</td></tr><tr><td>127</td><td>50</td><td>227</td><td>25</td><td>Surcharge - late provisional filing fee or cover sheet.</td><td></td></tr><tr><td>139</td><td>130</td><td>139</td><td>130</td><td>Non-English specification</td><td></td></tr><tr><td>147</td><td>2,520</td><td>147</td><td>2,520</td><td>For filing a request for <i>ex parte</i> reexamination</td><td></td></tr><tr><td>112</td><td>920*</td><td>112</td><td>920*</td><td>Requesting publication of SIR prior to Examiner action</td><td></td></tr><tr><td>113</td><td>1,840*</td><td>113</td><td>1,840*</td><td>Requesting publication of SIR after Examiner action</td><td></td></tr><tr><td>115</td><td>110</td><td>215</td><td>55</td><td>Extension for reply within first month</td><td></td></tr><tr><td>116</td><td>400</td><td>216</td><td>200</td><td>Extension for reply within second month</td><td></td></tr><tr><td>117</td><td>920</td><td>217</td><td>460</td><td>Extension for reply within third month</td><td></td></tr><tr><td>118</td><td>1,440</td><td>218</td><td>720</td><td>Extension for reply within fourth month</td><td></td></tr><tr><td>128</td><td>1,960</td><td>228</td><td>980</td><td>Extension for reply within fifth month</td><td></td></tr><tr><td>119</td><td>320</td><td>219</td><td>160</td><td>Notice of Appeal</td><td></td></tr><tr><td>120</td><td>320</td><td>220</td><td>160</td><td>Filing a brief in support of an appeal</td><td></td></tr><tr><td>121</td><td>280</td><td>221</td><td>140</td><td>Request for oral hearing</td><td></td></tr><tr><td>138</td><td>1,510</td><td>138</td><td>1,510</td><td>Petition to institute a public use proceeding</td><td></td></tr><tr><td>140</td><td>110</td><td>240</td><td>55</td><td>Petition to revive - unavoidable</td><td></td></tr><tr><td>141</td><td>1,280</td><td>241</td><td>640</td><td>Petition to revive - unintentional</td><td></td></tr><tr><td>142</td><td>1,280</td><td>242</td><td>640</td><td>Utility issue fee (or reissue)</td><td></td></tr><tr><td>143</td><td>460</td><td>243</td><td>230</td><td>Design issue fee</td><td></td></tr><tr><td>144</td><td>620</td><td>244</td><td>310</td><td>Plant issue fee</td><td></td></tr><tr><td>122</td><td>130</td><td>122</td><td>130</td><td>Petitions to the Commissioner</td><td></td></tr><tr><td>123</td><td>50</td><td>123</td><td>50</td><td>Processing fee under 37 CFR 1.17(q)</td><td></td></tr><tr><td>126</td><td>180</td><td>126</td><td>180</td><td>Submission of Information Disclosure Stmt</td><td></td></tr><tr><td>581</td><td>40</td><td>581</td><td>40</td><td>Recording each patent assignment per property (times number of properties)</td><td></td></tr><tr><td>146</td><td>740</td><td>246</td><td>370</td><td>Filing a submission after final rejection (37 CFR 1.129(a))</td><td></td></tr><tr><td>149</td><td>740</td><td>249</td><td>370</td><td>For each additional invention to be examined (37CFR 1.129(h))</td><td></td></tr><tr><td>179</td><td>740</td><td>279</td><td>370</td><td>Request for Continued Examination (RCE)</td><td></td></tr><tr><td>169</td><td>900</td><td>169</td><td>900</td><td>Request for expedited examination of a design application</td><td></td></tr><tr><td colspan="6">Other fee (specify) _____</td></tr><tr><td colspan="5">*Reduced by Basic Filing Fee Paid</td><td>SUBTOTAL (3) (\$)</td><td>130.00</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	105	130	205	65	Surcharge - late filing fee or oath	130.00	127	50	227	25	Surcharge - late provisional filing fee or cover sheet.		139	130	139	130	Non-English specification		147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination		112	920*	112	920*	Requesting publication of SIR prior to Examiner action		113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action		115	110	215	55	Extension for reply within first month		116	400	216	200	Extension for reply within second month		117	920	217	460	Extension for reply within third month		118	1,440	218	720	Extension for reply within fourth month		128	1,960	228	980	Extension for reply within fifth month		119	320	219	160	Notice of Appeal		120	320	220	160	Filing a brief in support of an appeal		121	280	221	140	Request for oral hearing		138	1,510	138	1,510	Petition to institute a public use proceeding		140	110	240	55	Petition to revive - unavoidable		141	1,280	241	640	Petition to revive - unintentional		142	1,280	242	640	Utility issue fee (or reissue)		143	460	243	230	Design issue fee		144	620	244	310	Plant issue fee		122	130	122	130	Petitions to the Commissioner		123	50	123	50	Processing fee under 37 CFR 1.17(q)		126	180	126	180	Submission of Information Disclosure Stmt		581	40	581	40	Recording each patent assignment per property (times number of properties)		146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))		149	740	249	370	For each additional invention to be examined (37CFR 1.129(h))		179	740	279	370	Request for Continued Examination (RCE)		169	900	169	900	Request for expedited examination of a design application		Other fee (specify) _____						*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$)	130.00
Large Entity		Small Entity		Fee Description	Fee Paid																																																																																																																																																																																													
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																																																																																																																																															
105	130	205	65	Surcharge - late filing fee or oath	130.00																																																																																																																																																																																													
127	50	227	25	Surcharge - late provisional filing fee or cover sheet.																																																																																																																																																																																														
139	130	139	130	Non-English specification																																																																																																																																																																																														
147	2,520	147	2,520	For filing a request for <i>ex parte</i> reexamination																																																																																																																																																																																														
112	920*	112	920*	Requesting publication of SIR prior to Examiner action																																																																																																																																																																																														
113	1,840*	113	1,840*	Requesting publication of SIR after Examiner action																																																																																																																																																																																														
115	110	215	55	Extension for reply within first month																																																																																																																																																																																														
116	400	216	200	Extension for reply within second month																																																																																																																																																																																														
117	920	217	460	Extension for reply within third month																																																																																																																																																																																														
118	1,440	218	720	Extension for reply within fourth month																																																																																																																																																																																														
128	1,960	228	980	Extension for reply within fifth month																																																																																																																																																																																														
119	320	219	160	Notice of Appeal																																																																																																																																																																																														
120	320	220	160	Filing a brief in support of an appeal																																																																																																																																																																																														
121	280	221	140	Request for oral hearing																																																																																																																																																																																														
138	1,510	138	1,510	Petition to institute a public use proceeding																																																																																																																																																																																														
140	110	240	55	Petition to revive - unavoidable																																																																																																																																																																																														
141	1,280	241	640	Petition to revive - unintentional																																																																																																																																																																																														
142	1,280	242	640	Utility issue fee (or reissue)																																																																																																																																																																																														
143	460	243	230	Design issue fee																																																																																																																																																																																														
144	620	244	310	Plant issue fee																																																																																																																																																																																														
122	130	122	130	Petitions to the Commissioner																																																																																																																																																																																														
123	50	123	50	Processing fee under 37 CFR 1.17(q)																																																																																																																																																																																														
126	180	126	180	Submission of Information Disclosure Stmt																																																																																																																																																																																														
581	40	581	40	Recording each patent assignment per property (times number of properties)																																																																																																																																																																																														
146	740	246	370	Filing a submission after final rejection (37 CFR 1.129(a))																																																																																																																																																																																														
149	740	249	370	For each additional invention to be examined (37CFR 1.129(h))																																																																																																																																																																																														
179	740	279	370	Request for Continued Examination (RCE)																																																																																																																																																																																														
169	900	169	900	Request for expedited examination of a design application																																																																																																																																																																																														
Other fee (specify) _____																																																																																																																																																																																																		
*Reduced by Basic Filing Fee Paid					SUBTOTAL (3) (\$)	130.00																																																																																																																																																																																												

FEE CALCULATION																																																																				
1. BASIC FILING FEE <table border="1" style="width:100%"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>101</td><td>740</td><td>201</td><td>370</td><td>Utility filing fee</td><td></td></tr><tr><td>106</td><td>330</td><td>206</td><td>165</td><td>Design filing fee</td><td></td></tr><tr><td>107</td><td>510</td><td>207</td><td>255</td><td>Plant filing fee</td><td></td></tr><tr><td>108</td><td>740</td><td>208</td><td>370</td><td>Reissue filing fee</td><td></td></tr><tr><td>114</td><td>160</td><td>214</td><td>80</td><td>Provisional filing fee</td><td></td></tr><tr><td colspan="5">SUBTOTAL (1)</td><td>(\$)</td><td>0.00</td></tr></tbody></table>		Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	101	740	201	370	Utility filing fee		106	330	206	165	Design filing fee		107	510	207	255	Plant filing fee		108	740	208	370	Reissue filing fee		114	160	214	80	Provisional filing fee		SUBTOTAL (1)					(\$)	0.00																				
Large Entity		Small Entity		Fee Description	Fee Paid																																																															
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																	
101	740	201	370	Utility filing fee																																																																
106	330	206	165	Design filing fee																																																																
107	510	207	255	Plant filing fee																																																																
108	740	208	370	Reissue filing fee																																																																
114	160	214	80	Provisional filing fee																																																																
SUBTOTAL (1)					(\$)	0.00																																																														
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE <table border="1" style="width:100%"><thead><tr><th colspan="2"></th><th>Extra Claims</th><th>Fee from below</th><th>Fee Paid</th></tr></thead><tbody><tr><td>Total Claims</td><td></td><td>** =</td><td></td><td></td></tr><tr><td>Independent Claims</td><td></td><td>** =</td><td></td><td></td></tr><tr><td>Multiple Dependent</td><td></td><td></td><td></td><td></td></tr></tbody></table> <table border="1" style="width:100%"><thead><tr><th colspan="2">Large Entity</th><th colspan="2">Small Entity</th><th rowspan="2">Fee Description</th><th rowspan="2">Fee Paid</th></tr><tr><th>Fee Code</th><th>Fee (\$)</th><th>Fee Code</th><th>Fee (\$)</th></tr></thead><tbody><tr><td>103</td><td>18</td><td>203</td><td>9</td><td>Claims in excess of 20</td><td></td></tr><tr><td>102</td><td>84</td><td>202</td><td>42</td><td>Independent claims in excess of 3</td><td></td></tr><tr><td>104</td><td>280</td><td>204</td><td>140</td><td>Multiple dependent claim, if not paid</td><td></td></tr><tr><td>109</td><td>84</td><td>209</td><td>42</td><td>** Reissue independent claims over original patent</td><td></td></tr><tr><td>110</td><td>18</td><td>210</td><td>9</td><td>** Reissue claims in excess of 20 and over original patent</td><td></td></tr><tr><td colspan="5">SUBTOTAL (2)</td><td>(\$)</td><td>0.00</td></tr></tbody></table>				Extra Claims	Fee from below	Fee Paid	Total Claims		** =			Independent Claims		** =			Multiple Dependent					Large Entity		Small Entity		Fee Description	Fee Paid	Fee Code	Fee (\$)	Fee Code	Fee (\$)	103	18	203	9	Claims in excess of 20		102	84	202	42	Independent claims in excess of 3		104	280	204	140	Multiple dependent claim, if not paid		109	84	209	42	** Reissue independent claims over original patent		110	18	210	9	** Reissue claims in excess of 20 and over original patent		SUBTOTAL (2)					(\$)	0.00
		Extra Claims	Fee from below	Fee Paid																																																																
Total Claims		** =																																																																		
Independent Claims		** =																																																																		
Multiple Dependent																																																																				
Large Entity		Small Entity		Fee Description	Fee Paid																																																															
Fee Code	Fee (\$)	Fee Code	Fee (\$)																																																																	
103	18	203	9	Claims in excess of 20																																																																
102	84	202	42	Independent claims in excess of 3																																																																
104	280	204	140	Multiple dependent claim, if not paid																																																																
109	84	209	42	** Reissue independent claims over original patent																																																																
110	18	210	9	** Reissue claims in excess of 20 and over original patent																																																																
SUBTOTAL (2)					(\$)	0.00																																																														
**or number previously paid, if greater; For Reissues, see above																																																																				

SUBMITTED BY		Complete (if applicable)	
Name (Print/Type)	Janet M. Martineau	Registration No. (Attorney/Agent)	46,903
Signature		Telephone	(301) 315-2723
		Date	July 19, 2002

00000000 083425 10070532

130.00 CH